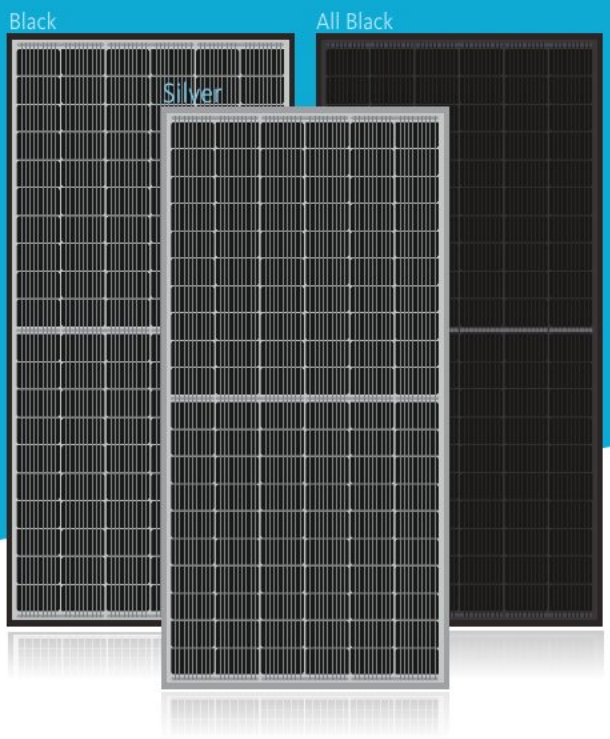
S-Energy

SL40-60 MAI·MBI·MCI
355~370W

HALF-CUT Series

1,000V Monocrystalline PV Module



CERTIFICATIONS

IEC 61215, 61730 / UL 61730
ISO 9001 : Quality Management System
ISO 14001 : Environmental Management System
ISO 45001 : Occupational Health & Safety System

FEATURES

Enhanced External Load/Impact
Snow Load : 5,400 Pa
Wind Load : 2,400 Pa

PID Resistance
Enhanced Potential Induced Degradation Resistance

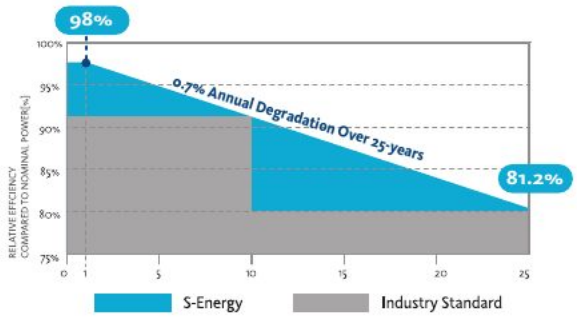
Fire Safety
Spread of Flame Class A
Burning Brand Class C

Higher output power
0~+5Wp,
Higher than rated power

Excellent performance under low light conditions
Cloudy days, mornings and evenings

WARRANTY

12 -YEARS PRODUCT WARRANTY
25 -YEARS LINEAR PERFORMANCE WARRANTY



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Homepage

SL40-60MAI·MBI·MCI

1,000V Monocrystalline PV Module 355W · 360W · 365W · 370W

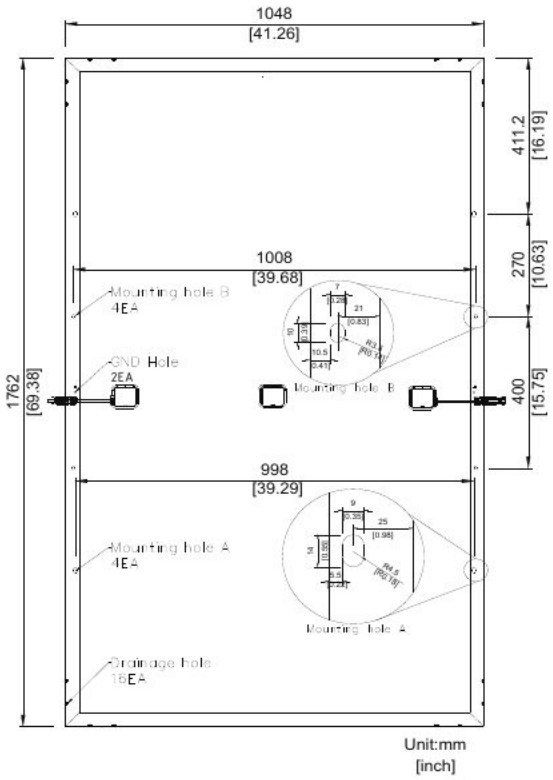
S-Energy

ELECTRICAL CHARACTERISTICS

STC (Irradiance 1,000W/m², module temperature 25℃, AM=1.5)	SL40-60MAI/MBI/MCI-355V	SL40-60MAI/MBI/MCI-360V	SL40-60MAI/MBI/MCI-365V	SL40-60MAI/MBI/MCI-370V
Rated Power (Pmax)	355W	360W	365W	370W
Voltage at Pmax (Vmp)	33.8V	34.0V	34.2V	34.4V
Current at Pmax (Imp)	10.51A	10.59A	10.68A	10.76A
Warranted Minimum Pmax	355W	360W	365W	370W
Short-Circuit Current (Isc)	11.26A	11.35A	11.43A	11.52A
Open-Circuit Voltage (Voc)	40.3V	40.5V	40.7V	40.9V
Module Efficiency	19.22%	19.50%	19.77%	20.04%
Operating Module Temperature	-40℃ to + 85℃			
Maximum System Voltage	1,000V			
Fuse Rating	20A			
Maximum Reverse Current	27A			
Power Tolerance	0 ~ +5W			

MECHANICAL CHARACTERISTICS

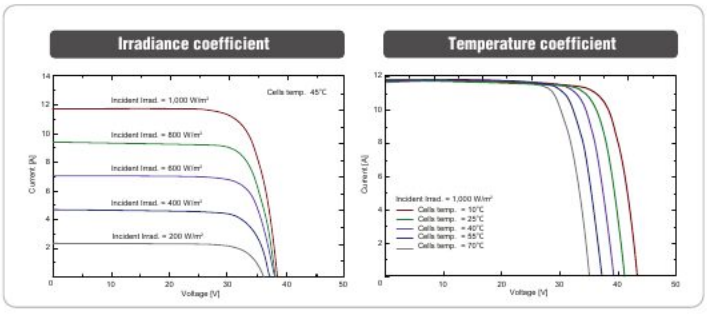
Solar Cells	Monocrystalline Cells 166x83mm
Number of Cells	60 Half Cells (6x20 Matrix)
Dimensions	1,762 x 1,048 x 35mm
Front Load	5,400Pa
Rear Load	2,400Pa
Weight	19.6kg
Glass	3.2mm High-Transmittance Low Iron Tempered Glass
Frame	Anodized Aluminum Frame (Silver)
J-Box	≥ IP67 with 3 bypass diodes
Output Cables	PV Wire (PV1-F), 12AWG (4mm²), Cable Length : 300mm * cable length can be customized
Connectors	MC4 Compatible



Unit:mm
[inch]

TEMPERATURE CHARACTERISTICS

Temperature coefficient of Isc	0.048 % / ℃
Temperature coefficient of Voc	-0.270 % / ℃
Temperature coefficient of power	-0.350 % / ℃
NOCT (Tair 20℃ ; Irradiance 800W/m² ; Wind 1m/s)	45±2 ℃



PACKING CONFIGURATION

Container	20'	40'
Modules Per Pallet	31pcs	31pcs
Pallets Per Container	6pallets	26pallet
Modules Per Container	186pcs	806pcs

REMARKS

- Pmax measurement tolerance : ±2.5%
- S-Energy uses triple A class simulator.
- Specification subject to change without prior notice.
- S-Energy reserves the rights of final interpretation.

NOTES

Installation instruction supplied with the module must be duly followed. For further information which is not mentioned on installation guides or directions, please contact to our technical service department.

- E-mail : Inquiry@s-energy.com